

**Public Works**  
**Road/Stormwater Division**  
**Stormwater**

*Seminole County*  
<http://www.co.seminole.fl.us/growth/pubwrks/>

## Mission

To provide innovative solutions for planning, construction and maintenance for flood prevention; and to assess and enhance the water quality of natural lakes and streams to ensure the safety and improve the quality of life for the residents and businesses of Seminole County.

## Business Strategy

The Stormwater Section of the Roads/Stormwater Division provides maintenance for 24 miles of canals and 454 retention ponds and manages all of the County's drainage systems, including those serving the transportation network. This Section is also responsible for water quality programs complying with numerous applicable Federal, State and local regulatory requirements. Specific functions include:

Educate the public on stormwater issues.

Develop a comprehensive Basin Evaluation Program to identify and correct deficiencies.

Implement an innovative and practical Capital Improvement Program and a Systematic Evaluation Program for easement acquisition.

Implement a baseline monitoring program to identify existing water quality conditions and then address capital improvement projects.

## Objectives

Implement a program to measure and increase level of service for retention pond and canal maintenance.

Continue the Basin Evaluation Program to plan and identify needed improvements in the primary drainage system.

Design and construct improvements to address identified deficiencies in the primary drainage system.

Increase the number of canals and ditches under County drainage easements.

Continue a long-term Water Quality Sampling Program to evaluate and repair longstanding flooding problems.

Implement strategy to comply with the Total Maximum Daily Load (TMDL) Program administered by Florida Department of Environmental Protection.

Implement annual Mosquito Control Program.

<b>Performance Measures</b>	<b>FY 01/02 Actual</b>	<b>FY 02/03 Estimated</b>	<b>FY 03/04 Projection</b>	<b>FY 04/05 Projection</b>
Cumulative total of basin evaluations completed out of 16 needed	11	11	11	11
State funding awards for capital projects	\$1.3m	\$3.6m	\$2.0m	\$2.0m
Active state funded projects managed by Seminole Cty	4	10	6	6
Water quality trend analysis (# of lakes and streams sampled)	55	55	55	55
Major/minor canals maintained (miles)	24	25	27	28
Stormwater retention ponds maintained (number)	465	475	493	510
Volunteer and public education hours	16,268	17,000	18,000	18,500
Manhours required for NPDES compliance	3,120	3,120	3,120	3,120
Manhours required for total maximum daily loads compliance (water quality compliance)	1,000	2,000	3,400	5,200
Neighborhood Drainage Projects - PD & E Completed	2	4	3	0
Design Completed	1	3	3	0
Construction Completed	1	1	5	1

<b>Department:</b>		<b>PUBLIC WORKS</b>			<b>Seminole County</b>	
<b>Division:</b>		<b>ROADS/STORMWATER</b>			<b>FY 2003/04</b>	
<b>Section:</b>		<b>STORMWATER</b>			<b>FY 2004/05</b>	
	2001/02 Actual Expenditures	2002/03 Adopted Budget	2003/04 Adopted Budget	Percent Change 2003/04 Budget over 2002/03 Budget	2004/05 Approved Budget	Percent Change 2004/05 Budget over 2003/04 Budget
<b>EXPENDITURES:</b>						
Personal Services	1,438,764	1,618,564	1,818,326	12.3%	2,033,911	11.9%
Operating Services	1,335,007	1,509,818	2,111,435	39.8%	1,911,205	-9.5%
Capital Outlay	179,031	67,360	39,090	-42.0%	6,100	-84.4%
Debt Service	0	0	0		0	
Grants and Aid	0	0	0		0	
Reserves/Transfers	0	295,288	876,182	196.7%	691,336	-21.1%
<b>Subtotal Operating</b>	<b>2,952,802</b>	<b>3,491,030</b>	<b>4,845,033</b>	<b>38.8%</b>	<b>4,642,552</b>	<b>-4.2%</b>
Capital Improvements	2,061,962	3,500,473	2,984,450	-14.7%	651,000	-78.2%
<b>TOTAL EXPENDITURES</b>	<b>5,014,764</b>	<b>6,991,503</b>	<b>7,829,483</b>	<b>12.0%</b>	<b>5,293,552</b>	<b>-32.4%</b>
<b>FUNDING SOURCE(S)</b>						
Stormwater Fund	4,794,334	6,920,758	7,829,483	13.1%	5,293,552	-32.4%
General Fund	220,430	0	0		0	
Drainage - Impact Fee	0	70,745	0	-100.0%	0	
<b>TOTAL FUNDING SOURCE(S)</b>	<b>5,014,764</b>	<b>6,991,503</b>	<b>7,829,483</b>	<b>12.0%</b>	<b>5,293,552</b>	<b>-32.4%</b>
Full Time Positions	33	33	34		35	
Part-Time Positions	0	0	0		0	
<b>New Programs and Highlights for Fiscal Year 2003/04</b>						
A position was transferred into this section from Road Operations during FY 02/03.						
Elder Creek/C-15 Deficiency Correction Project						1,405,000
Yankee Lake Basin Evaluation - Phase 1						100,000
Oakhurst-Red Bug Lake Outfall						80,000
Cassel Creek Stormwater Facility						250,000
Neighborhood Drainage Projects:						
Waverly/Windsor						50,000
Center Drive						220,000
Baymeadow Road						100,000
Alexander Avenue						90,000
27th Street						90,000
Tiffany Woods						160,000
<b>New Programs and Highlights for Fiscal Year 2004/05</b>						
Principal Scientist - Newly initiated State and Federal regulations require the development and subsequent implementation of total maximum daily loads (TMDL) for impaired water bodies. This program, conducted by the FDEP, began in Seminole County in FY 01/02. This position will work closely with the FDEP in the development, design, implementation and long-term monitoring of the TMDL program. This position will also be responsible for the development and implementation of a countywide surface water quality master plan. (\$81,974 personal services, \$22,700 operating, \$28,000 capital).						132,674
Yankee Lake Basin Evaluation - Phase 2						150,000
<b>Capital Improvements</b>		<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>	<b>2006-07</b>	<b>2007-08</b>
Total Project Cost		2,984,450	651,000	5,315,000	4,632,000	2,428,000
Total Operating Impact		0	0	178,000	190,000	0